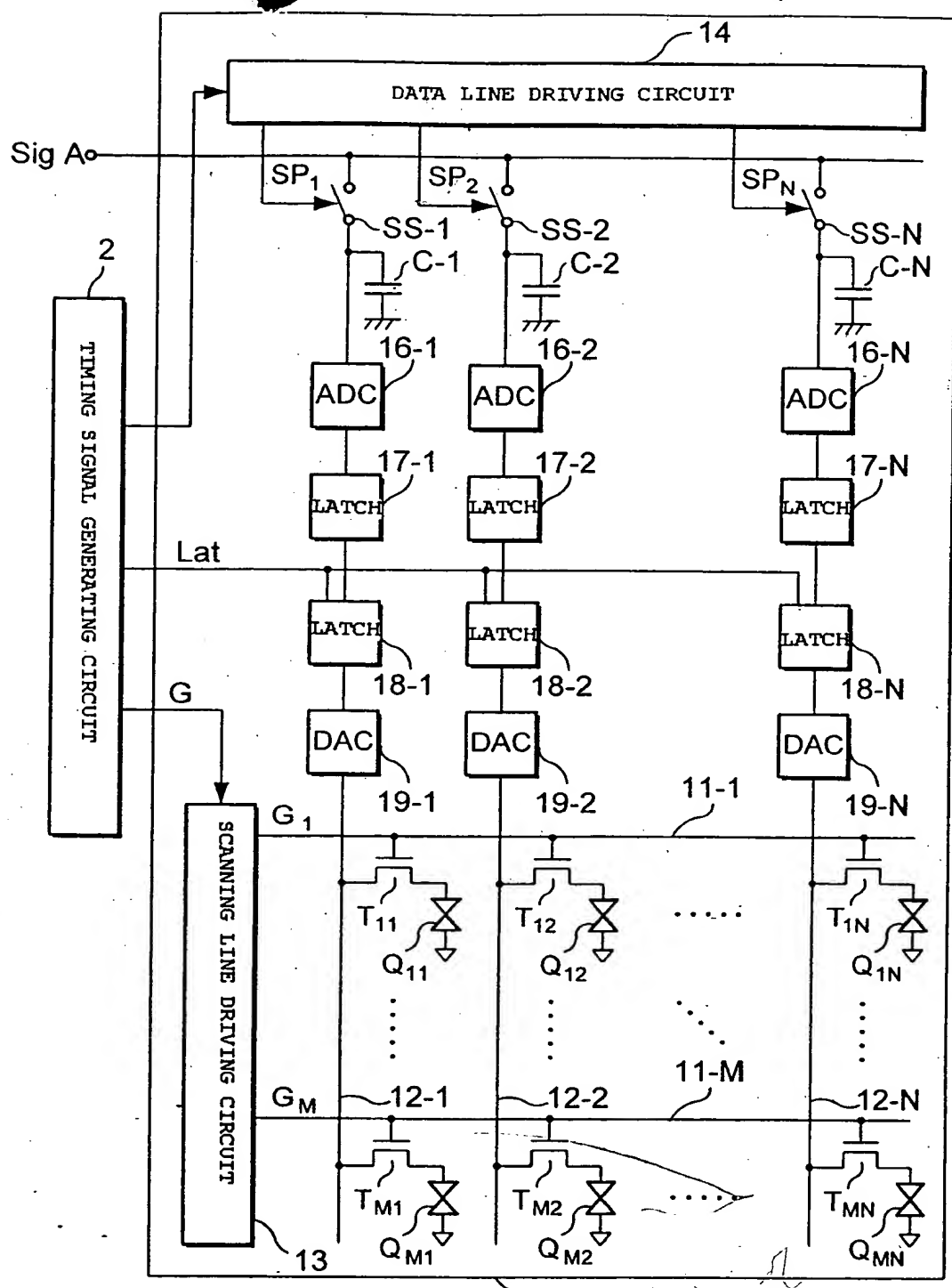


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1A: LIQUID CRYSTAL PANEL

FIG. 1

FIG. 2

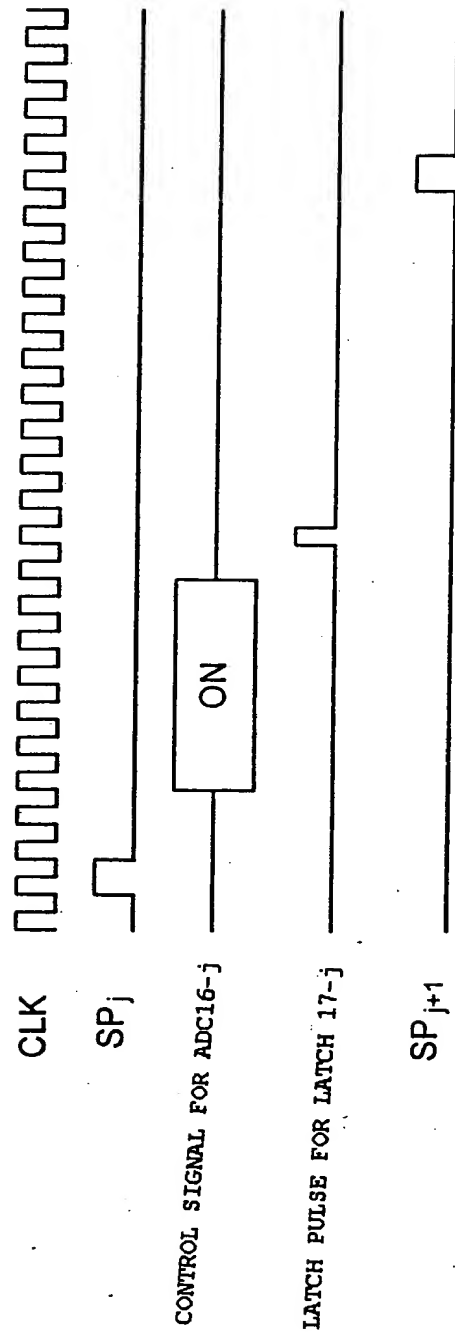


FIG. 3

The diagram illustrates the timing of various signals during a horizontal scanning period. The signals are as follows:

- SP₁**: A signal that is active during the horizontal scanning period.
- SP₂**: A signal that is active during the horizontal scanning period.
- SP_j**: A signal that is active during the horizontal scanning period.
- Sig A**: A signal that is active during the horizontal scanning period, with sub-signals 1, 2, 3, and j.
- C-1**: A signal that is active during the horizontal scanning period, labeled Sig A₁.
- C-2**: A signal that is active during the horizontal scanning period, labeled Sig A₂.
- C-j**: A signal that is active during the horizontal scanning period, labeled Sig A_j.
- A/D16-1**: A signal that is active during the horizontal scanning period, labeled Sig A₁.
- A/D16-2**: A signal that is active during the horizontal scanning period, labeled Sig A₂.
- A/D16-j**: A signal that is active during the horizontal scanning period, labeled Sig A_j.
- LATCH 17-1**: A signal that is active during the horizontal scanning period, labeled D₁.
- LATCH 17-2**: A signal that is active during the horizontal scanning period, labeled D₂.
- LATCH 17-j**: A signal that is active during the horizontal scanning period, labeled D_j.
- Lat**: A signal that is active during the horizontal scanning period.
- LATCH 18-j (j=1-N)**: A signal that is active during the horizontal scanning period, labeled D_j (j=1-N).
- D/A 18-j (j=1-N)**: A signal that is active during the horizontal scanning period.
- OUTPUT VOLTAGE TO DATA LINE 12-j**: A signal that is active during the horizontal scanning period.

F/G.4

$$\begin{array}{r} 65 \\ \hline 11 \end{array}$$

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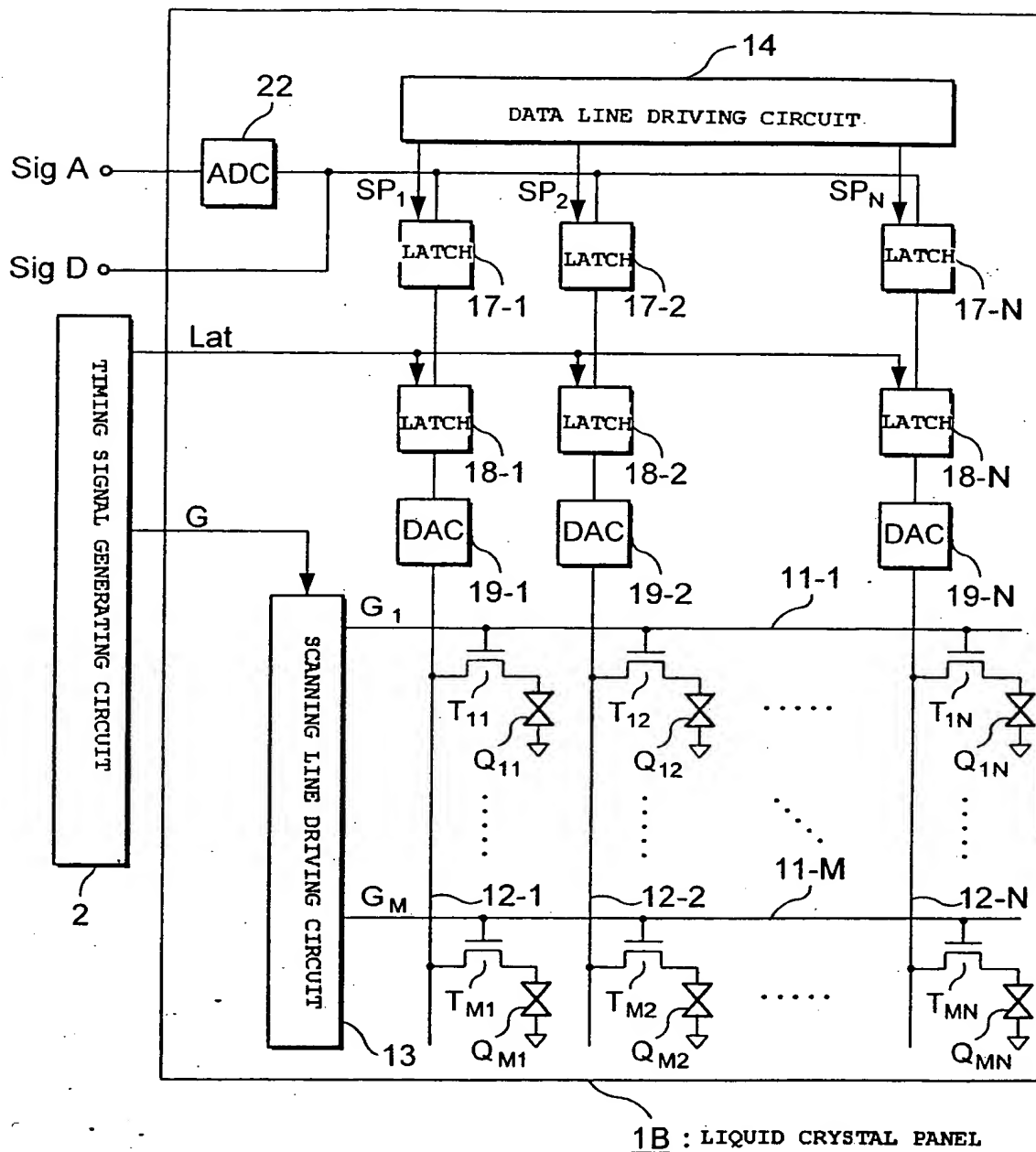


FIG. 6

FIG. 7

$$\frac{\infty}{b}$$

1204



1200

1206

-1202

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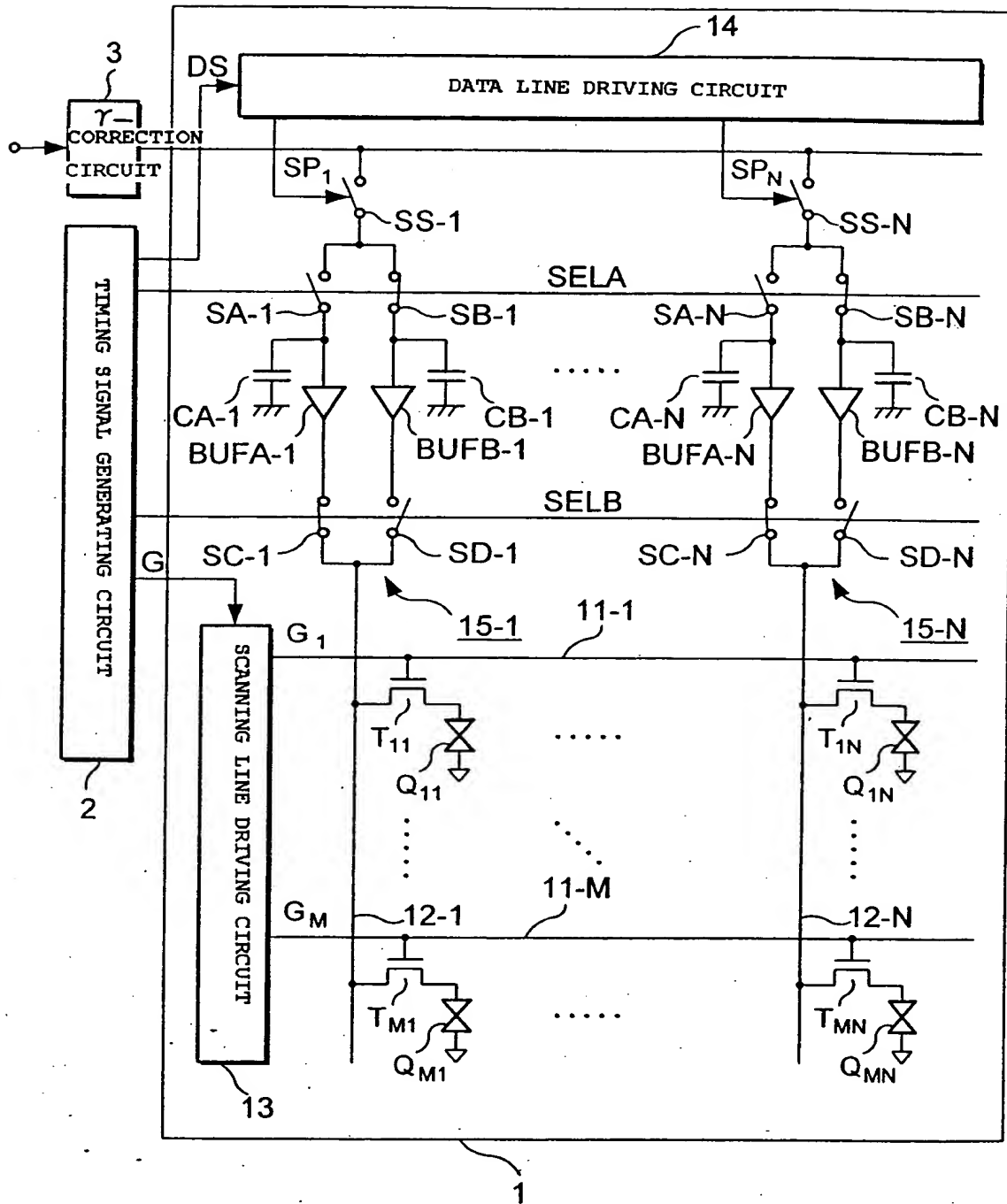


FIG. 10

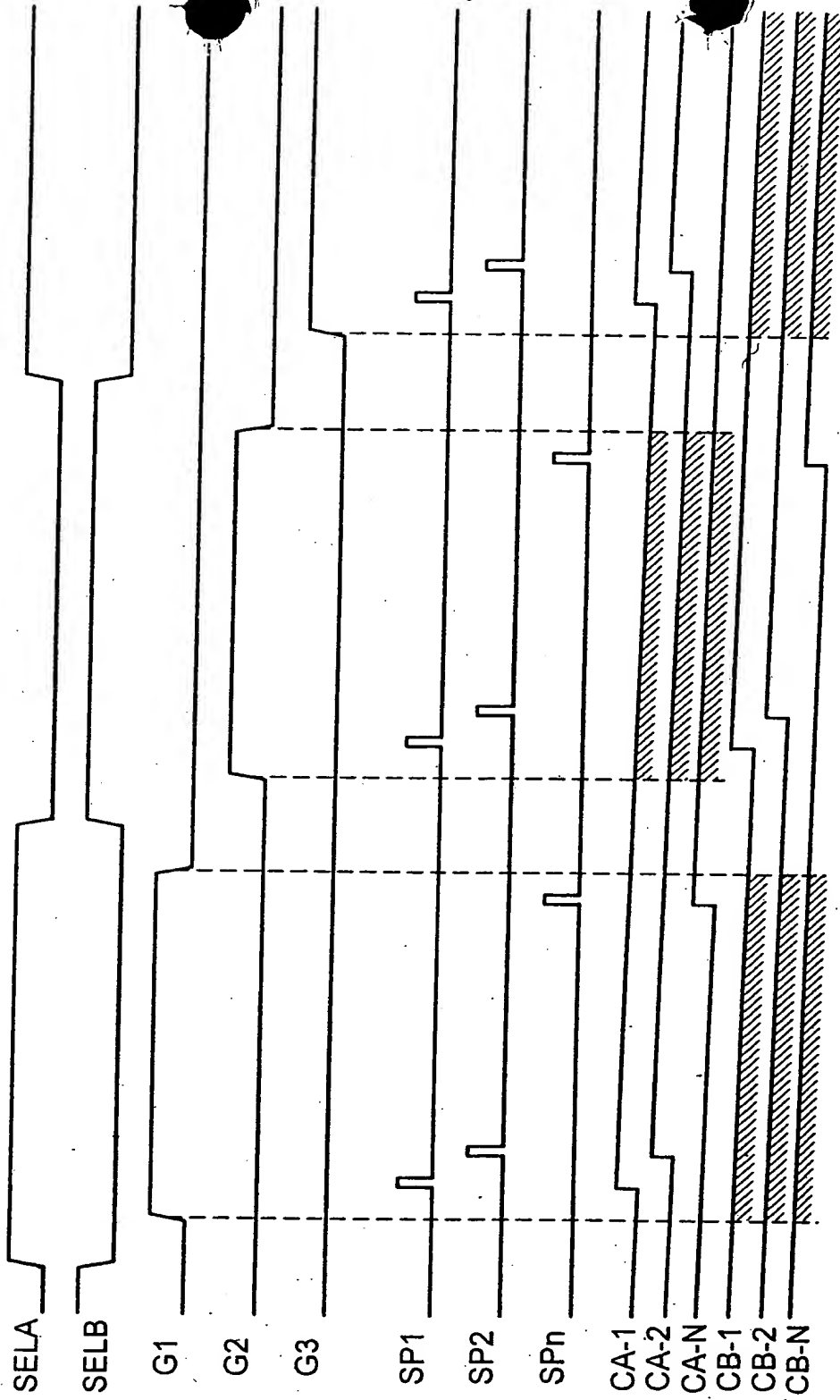


FIG. 11